

# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

<b>Title of Invention</b>	<b>IN SITU THERMAL PROCESSING OF A COAL FORMATION WITH A SELECTED RATIO OF HEAT SOURCES TO PRODUCTION WELLS</b>
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Application Number : 09/841061

Confirmation Number: 4091

First Named Applicant: Ilya Berchenko

Attorney Docket Number: 5659-06300

Art Unit: 3673

Examiner: John J. Kreck



Search string: ( 3004596 or 3342258 or 3455383 or 3501201 or 3502372 or 3759574 or 4160479 or 4375302 or 4483398 or 6698515 or 6702016 or 6708758 or 6712135 or 6712136 or 6712137 or 6715546 or 6715547 or 6715549 or 6715548 or 6719047 or 6722431 or 6722430 or 6722429 or 6725920 or 6725921 or 6725928 or 6729397 or 6729396 or 6729401 or 6729395 or 6732794 or 6732796 or 6736215 or 6739394 or 6739393 or 6742593 or 6742587 or 6742589 or 6742588 or 6745837 or 6745831 or 6749021 or 6752210 or 6758268 or 6761216 or 20040069486 or 20040015023 or 20030213594 or 20040040715 or 20040020642 ).pn

## US Patent Documents

**Note: Applicant is not required to submit a paper copy of cited US Patent Documents**

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
✓	1	3004596	1961-10-17	Parker et al.			
	2	3342258	1967-09-19	Prats			
	3	3455383	1969-07-15	Prats et al.			
	4	3501201	1970-03-17	Closmann et al.			
	5	3502372	1970-03-24	Prats			
	6	3759574	1973-09-18	Beard			
	7	4160479	1979-07-10	Richardson et al.			
	8	4375302	1983-03-01	Kalmar			
	9	4483398	1984-11-20	Peters et al.			
	10	6698515	2004-03-02	Karanikas et al.			
	11	6702016	2004-03-09	de Rouffignac et al.			
	12	6708758	2004-03-23	de Rouffignac et al.			
	13	6712135	2004-03-30	Wellington et al.			
✓	14	6712136	2004-03-30	de Rouffignac et al.			

2	15	6712137	2004-03-30	Vinegar et al.			
	16	6715546	2004-04-06	Vinegar et al.			
	17	6715547	2004-04-06	Vinegar et al.			
	18	6715549	2004-04-06	Wellington et al.			
	19	6715548	2004-04-06	Wellington et al.			
	20	6719047	2004-04-13	Fowler et al.			
	21	6722431	2004-04-20	Karanikas et al.			
	22	6722430	2004-04-20	Vinegar et al.			
	23	6722429	2004-04-20	de Rouffignac et al.			
	24	6725920	2004-04-27	Zhang et al.			
	25	6725921	2004-04-27	de Rouffignac et al.			
	26	6725928	2004-04-27	Vinegar et al.			
	27	6729397	2004-05-04	Zhang et al.			
	28	6729396	2004-05-04	Vinegar et al.			
	29	6729401	2004-05-04	Vinegar et al.			
	30	6729395	2004-05-04	Shahin, Jr. et al.			
	31	6732794	2004-05-11	Wellington et al.			
	32	6732796	2004-05-11	Vinegar et al.			
	33	6736215	2004-05-18	Maher et al.			
	34	6739394	2004-05-25	Vinegar et al.			
	35	6739393	2004-05-25	Vinegar et al.			
	36	6742593	2004-06-01	Vinegar et al.			
	37	6742587	2004-06-01	Vinegar et al.			
	38	6742589	2004-06-01	Berchenko et al.			
	39	6742588	2004-06-01	Wellington et al.			
	40	6745837	2004-06-08	Wellington et al.			
	41	6745831	2004-06-08	de Rouffignac et al.			
	42	6749021	2004-06-15	Vinegar et al.			
	43	6752210	2004-06-22	de Rouffignac et al.			
	44	6758268	2004-07-06	Vinegar et al.			
1	45	6761216	2004-07-13	Vinegar et al.			

## US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
1	1	20040069486	2004-04-15	Vinegar et al.			
2	2	20040015023	2004-01-22	Wellington et al.			
3	3	20030213594	2003-11-20	Wellington et al.			
4	4	20040040715	2004-03-04	Wellington et al.			
5	5	20040020642	2004-02-05	Vinegar et al.			

## Signature

Examiner Name	Date
	7/18/07

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## Title of Invention

IN SITU THERMAL PROCESSING OF A COAL FORMATION  
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WELLS

Application Number : 09/841061



Confirmation Number: 4091

First Named Applicant: Ilya Berchenko

Attorney Docket Number: 5659-06300

Art Unit: 3673

Examiner: John J. Kreck

Search string: ( 6763886 or 6769485 or 6769483 or 6581684 or 6588504 or 6588503 or 6591906 or 6591907 or 6607033 or 6609570 or 6688387 or 20040108111 ).pn

## US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
←	1	6763886	2004-07-20	Schoeling et al.			
	2	6769485	2004-08-03	Vinegar et al.			
	3	6769483	2004-08-03	de Rouffignac et al.			
	4	6581684	2003-06-24	Wellington et al.			
	5	6588504	2003-07-08	Wellington et al.			
	6	6588503	2003-07-08	Karanikas et al.			
	7	6591906	2003-07-15	Wellington et al.			
	8	6591907	2003-07-15	Zhang et al.			
	9	6607033	2003-08-19	Wellington et al.			
	10	6609570	2003-08-26	Wellington et al.			
✓	11	6688387	2004-02-10	Wellington et al.			

## US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
✓	1	20040108111	2004-06-10	Vinegar et al.			

**Signature**

Examiner Name	Date
	4/18/08

Form PTO-1449 (modified) List of Patents and Publications For Applicant's Information Disclosure Statement	ATTY. DKT. NO. 5659-06300  APPLICANT: Berchenko et al.  FILING DATE: April 24, 2001	SERIAL NO. 09/841,061  CONFIRMATION NO.: 4091  GROUP: 3673
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**OTHER ART**

EXAM. INITIALS	REF. DES.	OTHER ART (including Author, Title, Date, Pertinent Pages, etc.)
✓	SOA-04	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,432 mailed August 21, 2002 (19 pages).
	SOA-05	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,170 mailed November 8, 2002 (5 pages).
	SOA-06	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,170 mailed April 30, 2002 (10 pages).
	SOA-07	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,490 mailed October 8, 2002 (18 pages).
	SOA-08	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,490 mailed March 24, 2003 (19 pages).
	SOA-09	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,490 mailed November 24, 2003 (6 pages).
	SOA-10	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,309 mailed September 3, 2002 (23 pages).
	SOA-11	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,309 mailed March 13, 2003 (17 pages).
	SOA-12	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,639 mailed September 26, 2002 (21 pages).
	SOA-13	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,300 mailed May 8, 2002 (18 pages).
	SOA-14	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,300 mailed November 25, 2002 (16 pages).
	SOA-15	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,438 mailed May 22, 2002 (19 pages).
	SOA-16	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/840,937 mailed June 6, 2002 (14 pages).
	SOA-17	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/840,937 mailed December 10, 2002 (5 pages).
	SOA-18	U.S. Patent and Trademark Office, "Office Communication" for Application No. 10/460,722 mailed February 12, 2004 (23 pages).
	SOA-19	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,444 mailed December 16, 2002 (17 pages).
	SOA-20	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,444 mailed November 24, 2003 (5 pages).
	SOA-21	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,000 mailed July 9, 2002 (27 pages).
	SOA-22	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,000 mailed December 24, 2002 (29 pages).
	SOA-23	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,000 mailed October 17, 2003 (5 pages).
	SOA-24	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,000 mailed March 23, 2004 (4 pages).
2	SOA-25	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,299 mailed April 18, 2002 (13 pages).

EXAMINER: 

DATE CONSIDERED: 4/18/05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.



Form PTO-1449 (modified) List of Patents and Publications For Applicant's Information Disclosure Statement		ATTY. DKT. NO. 5659-06300	SERIAL NO. 09/841,061
		APPLICANT: Berchenko et al.	CONFIRMATION NO.: 4091
		FILING DATE: April 24, 2001	GROUP: 3673
<input checked="" type="checkbox"/>	SOA-26	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,299 mailed December 10, 2002 (10 pages).	
<input checked="" type="checkbox"/>	SOA-27	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,293 mailed May 8, 2002 (17 pages).	
<input checked="" type="checkbox"/>	SOA-28	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,293 mailed November 22, 2002 (13 pages).	
<input checked="" type="checkbox"/>	SOA-29	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,293 mailed May 15, 2003 (11 pages).	
<input checked="" type="checkbox"/>	SOA-30	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,434 mailed October 9, 2002 (15 pages).	
<input checked="" type="checkbox"/>	SOA-31	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,434 mailed February 28, 2003 (12 pages).	
<input checked="" type="checkbox"/>	SOA-32	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,489 mailed April 24, 2003 (11 pages).	
<input checked="" type="checkbox"/>	SOA-33	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,303 mailed May 3, 2002 (7 pages).	
<input checked="" type="checkbox"/>	SOA-34	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,303 mailed November 5, 2002 (5 pages).	
<input checked="" type="checkbox"/>	SOA-35	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,290 mailed September 30, 2002 (13 pages).	
<input checked="" type="checkbox"/>	SOA-36	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,130 mailed March 21, 2002 (7 pages).	
<input checked="" type="checkbox"/>	SOA-37	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,130 mailed May 3, 2002 (8 pages).	
<input checked="" type="checkbox"/>	SOA-38	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,502 mailed June 2, 2003 (9 pages).	
<input checked="" type="checkbox"/>	SOA-39	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,436 mailed July 10, 2003 (11 pages).	
<input checked="" type="checkbox"/>	SOA-40	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,291 mailed July 30, 2002 (15 pages).	
<input checked="" type="checkbox"/>	SOA-41	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,443 mailed June 6, 2002 (12 pages).	
<input checked="" type="checkbox"/>	SOA-42	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,637 mailed September 11, 2002 (14 pages).	
<input checked="" type="checkbox"/>	SOA-43	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,498 mailed May 1, 2003 (15 pages).	
<input checked="" type="checkbox"/>	SOA-44	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,498 mailed October 20, 2003 (7 pages).	
<input checked="" type="checkbox"/>	SOA-45	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,441 mailed August 23, 2002 (15 pages).	
<input checked="" type="checkbox"/>	SOA-46	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,441 mailed February 3, 2003 (8 pages).	
<input checked="" type="checkbox"/>	SOA-47	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,495 mailed August 7, 2002 (23 pages).	
<input checked="" type="checkbox"/>	SOA-48	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,445 mailed November 19, 2002 (7 pages).	
<input checked="" type="checkbox"/>	SOA-49	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,284 mailed July 9, 2002 (23 pages).	

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DATE CONSIDERED: 4/18/03

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Form PTO-1449 (modified) List of Patents and Publications For Applicant's Information Enclosure Statement		ATTY. DKT. NO. 5659-06300	SERIAL NO. 09/841,061
		APPLICANT: Berchenko et al.	CONFIRMATION NO.: 4091
		FILING DATE: April 24, 2001	GROUP: 3673

SOA-50	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,284 mailed January 2, 2003 (21 pages).
SOA-51	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,284 mailed January 20, 2004 (4 pages).
SOA-52	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,284 mailed May 12, 2004 (10 pages).
SOA-53	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,194 mailed May 7, 2002 (10 pages).
SOA-54	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,194 mailed November 25, 2002 (12 pages).
SOA-55	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,194 mailed December 4, 2003 (4 pages).
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SOA-58	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,195 mailed May 2, 2002 (7 pages).
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SOA-60	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,496 mailed May 8, 2003 (25 pages).
SOA-61	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,491 mailed February 12, 2003 (13 pages).
SOA-62	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,491 mailed June 18, 2003 (10 pages).
SOA-63	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,499 mailed May 28, 2003 (7 pages).
SOA-64	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,437 mailed January 31, 2003 (17 pages).
SOA-65	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,437 mailed June 5, 2003 (13 pages).
SOA-66	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,437 mailed November 5, 2003 (6 pages).
SOA-67	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,131 mailed April 16, 2002 (8 pages).
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SOA-72	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,430 mailed December 12, 2003 (5 pages).
SOA-73	U.S. Patent and Trademark Office, "Office Communication" for Application No. 10/131,350 mailed May 28, 2004 (14 pages).

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Form PTO-1449 (modified) List of Patents and Publications For Applicant's Information Disclosure Statement		ATTY. DKT. NO. 5659-06300	SERIAL NO. 09/841,061
		APPLICANT: Berchenko et al.	CONFIRMATION NO.: 4091
		FILING DATE: April 24, 2001	GROUP: 3673

SOA-74	U.S. Patent and Trademark Office, "Office Communication" for Application No. 10/131,352 mailed June 17, 2004 (21 pages).
SOA-75	U.S. Patent and Trademark Office, "Office Communication" for Application No. 10/131,347 mailed January 23, 2004 (15 pages).
SOA-76	U.S. Patent and Trademark Office, "Office Communication" for Application No. 10/131,233 mailed March 9, 2004 (16 pages).
SOA-77	U.S. Patent and Trademark Office, "Office Communication" for Application No. 10/128,699 mailed August 7, 2003 (20 pages).
SOA-78	U.S. Patent and Trademark Office, "Office Communication" for Application No. 10/131,123 mailed March 30, 2004 (10 pages).
SOA-79	U.S. Patent and Trademark Office, "Office Communication" for Application No. 10/131,235 mailed March 26, 2004 (27 pages).
SOA-80	U.S. Patent and Trademark Office, "Office Communication" for Application No. 10/131,264 mailed March 4, 2004 (9 pages).
SOA-81	U.S. Patent and Trademark Office, "Office Communication" for Application No. 10/131,154 mailed May 21, 2004 (18 pages).
SOA-82	U.S. Patent and Trademark Office, "Office Communication" for Application No. 10/128,700 mailed August 6, 2003 (7 pages).
SOA-83	U.S. Patent and Trademark Office, "Office Communication" for Application No. 10/128,700 mailed February 19, 2004 (6 pages).
SOA-84	U.S. Patent and Trademark Office, "Office Communication" for Application No. 10/131,286 mailed May 4, 2004 (22 pages).
SOA-85	U.S. Patent and Trademark Office, "Office Communication" for Application No. 10/128,697 mailed August 4, 2003 (9 pages).
SOA-86	U.S. Patent and Trademark Office, "Office Communication" for Application No. 10/131,348 mailed May 26, 2004 (12 pages).
SOA-87	U.S. Patent and Trademark Office, "Office Communication" for Application No. 10/131,285 mailed May 4, 2004 (9 pages).
SOA-88	U.S. Patent and Trademark Office, "Office Communication" for Application No. 10/128,704 mailed October 31, 2003 (7 pages).
SOA-89	U.S. Patent and Trademark Office, "Office Communication" for Application No. 10/128,704 mailed April 8, 2004 (10 pages).
SOA-90	U.S. Patent and Trademark Office, "Office Communication" for Application No. 10/131,152 mailed January 29, 2004 (5 pages).
SOA-91	U.S. Patent and Trademark Office, "Office Communication" for Application No. 10/131,353 mailed February 23, 2004 (17 pages).
SOA-92	U.S. Patent and Trademark Office, "Office Communication" for Application No. 10/131,353 mailed July 8, 2004 (16 pages).
SOA-93	U.S. Patent and Trademark Office, "Office Communication" for Application No. 10/128,703 mailed August 15, 2003 (12 pages).
SOA-94	U.S. Patent and Trademark Office, "Office Communication" for Application No. 10/128,703 mailed February 26, 2004 (5 pages).
SOA-95	U.S. Patent and Trademark Office, "Office Communication" for Application No. 10/131,354 mailed March 12, 2004 (12 pages).
SOA-96	U.S. Patent and Trademark Office, "Office Communication" for Application No. 10/128,696 mailed January 9, 2004 (16 pages).
SOA-97	U.S. Patent and Trademark Office, "Office Communication" for Application No. 10/128,701 mailed August 22, 2003 (21 pages).

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DATE CONSIDERED:

4/18/05

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AUG 30 2004  
U.S. PATENT & TRADEMARK OFFICE

Form PTO-1449 (modified) List of Patents and Publications For Applicant's Information Disclosure Statement		ATTY. DKT. NO. 5659-06300  APPLICANT: Berchenko et al.  FILING DATE: April 24, 2001	SERIAL NO. 09/841,061  CONFIRMATION NO.: 4091  GROUP: 3673
4	SOA-98	U.S. Patent and Trademark Office, "Office Communication" for Application No. 10/128,702 mailed October 15, 2003 (14 pages).	
7	SOA-99	U.S. Patent and Trademark Office, "Office Communication" for Application No. 10/128,695 mailed September 9, 2003 (16 pages).	
2	SOA-100	U.S. Patent and Trademark Office, "Office Communication" for Application No. 10/279,221 mailed July 1, 2004 (10 pages).	

EXAMINER:

DATE CONSIDERED: 4/16/05

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Application Number : 09/841061



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Attorney Docket Number: 5659-06300

Art Unit: 3673

Examiner: John J. Kreck

Search string: ( 5539853 or 3691291 or 3032102 or 3079085 or 3454365 or 4260018 or 4683947 or 5055180 or 5626191 or 6353706 or 6467543 or 6499536 or 4734115 or 3170842 or 3618663 or 4018280 or 4698149 or 3948755 or 4605489 or 4623444 or 4885080 or 5059303 or 6110358 or 6789625 or 6782947 or 20020004533 or 20020112987 ).pn

## US Patent Documents

**Note: Applicant is not required to submit a paper copy of cited US Patent Documents**

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
K	1	5539853	1996-07-23	Jamaluddin et al.			
	2	3691291	1972-09-12	Taj			
	3	3032102	1962-05-01	Parker			
	4	3079085	2004-09-28	Clark, Jr. et al.			
	5	3454365	1969-07-08	Lumpkin et al.			
	6	4260018	1981-04-07	Shum et al.			
	7	4683947	1987-08-04	Fernbacher et al.			
	8	5055180	1991-10-08	Klaila			
	9	5626191	1997-05-06	Greaves et al.			
	10	6353706	2002-03-05	Bridges			
	11	6467543	2002-10-22	Talwani et al.			
	12	6499536	2002-12-31	Ellingsen			
	13	4734115	1998-03-29	Howard et al.			
	14	3170842	1965-02-23	Kehler			
	15	3618663	1971-11-09	Needham			
	16	4018280	1977-04-19	Daviduk et al.			
	17	4698149	1987-10-06	Mitchell			
	18	3948755	1976-04-06	McCollum et al.			
2	19	4605489	1986-08-12	Madgavkar			

20	4623444	1986-11-18	Che et al.			
21	4885080	1989-12-05	Brown et al.			
22	5059303	1991-10-22	Taylor et al.			
23	6110358	2000-08-29	Aldous et al.			
24	6789625	2004-09-14	de Rouffinac et al.			
25	6782947	2004-08-31	de Rouffinac et al.			

## US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
1	1	20020004533	2002-01-10	Wallace et al.			
2	2	20020112987	2002-08-22	Hou et al.			

## Signature

Examiner Name	Date
	4/18/07

# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

## Title of Invention

IN SITU THERMAL PROCESSING OF A COAL FORMATION  
WITH A SELECTED RATIO OF HEAT SOURCES TO PRODUCTION  
WELLS

Application Number : 09/841061



Confirmation Number: 4091

First Named Applicant: Ilya Berchenko

Attorney Docket Number: 5659-06300

Art Unit: 3672

Examiner: John J. Kreck

Search string: ( 3017168 or 3434541 or 4598772 or 5456315 or 3288648 or 4415034 or 6820688  
or 6805195 ).pn

## US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
K	1	3017168	1962-01-16	Carr			
	2	3434541	1969-03-25	Cook et al.			
	3	4598772	1986-07-08	Holmes			
	4	5456315	1995-10-10	Kisman et al.			
	5	3288648	1966-11-29	Jones			
	6	4415034	1983-11-15	Bouck			
	7	6820688	2004-11-23	Vinegar et al.			
a	8	6805195	2004-10-19	Vinegar et al.			

## Signature


Examiner Name	Date
	4/10/05

# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

<b>Title of Invention</b>	IN SITU THERMAL PROCESSING OF A COAL FORMATION WITH A SELECTED RATIO OF HEAT SOURCES TO PRODUCTION WELLS
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Application Number : 09/841061 

Confirmation Number: 4091

First Named Applicant: Ilya Berchenko

Attorney Docket Number: 5659-06300

Art Unit: 3673

Examiner: John J. Kreck

Search string: ( 3386508 or 4303126 or 4766958 or 4828031 or 5085276 or 5305829 or 5377756 or 5411086 ).pn

## US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
K	1	3386508	1968-06-04	Bielstein et al.			
	2	4303126	1981-12-01	Blevins			
	3	4766958	1988-08-30	Faecke			
	4	4828031	1989-05-09	Davis			
	5	5085276	1992-02-04	Rivas et al.			
	6	5305829	1994-04-26	Kumar			
	7	5377756	1995-01-03	Northrop et al.			
	8	5411086	1995-05-02	Burcham et al.			

## Signature

Examiner Name	Date
	2/10/05

# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

<b>Title of Invention</b>	<b>IN SITU THERMAL PROCESSING OF A COAL FORMATION WITH A SELECTED RATIO OF HEAT SOURCES TO PRODUCTION WELLS</b>
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Application Number : 09/841061



Confirmation Number: 4091

First Named Applicant: Ilya Berchenko

Attorney Docket Number: 5659-06300

Art Unit: 3673

Examiner: John J. Kreck

Search string: ( 4319635 or 5027896 or 5325918 or 4418752 or 5891829 or 4151877 or 4243511 or 4439307 or 4544478 or 5041210 or 4285547 or 4234230 or 3700280 or 3804169 or 3759328 or 3804172 or 4065183 or 3779602 or 4260192 or 4883582 or 20030029617 ).pn

## US Patent Documents

**Note: Applicant is not required to submit a paper copy of cited US Patent Documents**

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
<input checked="" type="checkbox"/>	1	4319635	1982-03-16	Jones			
<input checked="" type="checkbox"/>	2	5027896	1991-07-02	Anderson			
<input checked="" type="checkbox"/>	3	5325918	1994-07-05	Berryman et al.			
<input checked="" type="checkbox"/>	4	4418752	1983-12-06	Boyer et al.			
<input checked="" type="checkbox"/>	5	5891829	1999-04-06	Vallejos et al.			
<input checked="" type="checkbox"/>	6	4151877	1979-05-01	French			
<input checked="" type="checkbox"/>	7	4243511	1981-01-06	Allred			
<input checked="" type="checkbox"/>	8	4439307	1984-03-27	Jaquay et al.			
<input checked="" type="checkbox"/>	9	4544478	1985-10-01	Kelley			
<input checked="" type="checkbox"/>	10	5041210	1991-08-20	Merrill, Jr. et al.			
<input checked="" type="checkbox"/>	11	4285547	1981-08-25	Weichman			
<input checked="" type="checkbox"/>	12	4234230	1980-11-18	Weichman			
<input checked="" type="checkbox"/>	13	3700280	1972-10-24	Papadopoulos et al.			
<input checked="" type="checkbox"/>	14	3804169	1974-04-16	Closmann			
<input checked="" type="checkbox"/>	15	3759328	1973-09-18	Ueber et al.			
<input checked="" type="checkbox"/>	16	3804172	1974-04-16	Closmann et al.			
<input checked="" type="checkbox"/>	17	4065183	1977-12-27	Hill et al.			
<input checked="" type="checkbox"/>	18	3779602	1973-12-18	Beard et al.			
<input checked="" type="checkbox"/>	19	4260192	1981-04-07	Shafer			

20	4883582	1989-11-28	McCants			
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## US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
✓	1	20030029617	2003-02-13	Brown et al.			

## Signature

Examiner Name	Date
	4/18/05



[illegible]

EXAMINER:

DATE CONSIDERED: 4/18/55

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPFP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

Page 1 of 1

**Information Disclosure Statement—PTO 1449 (modified)**

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